

# CHAS. WILLIAMS' SONS,

OUR WAREHOUSES ARE TWO SQUARES EAST OF THE BROAD ST. STATION  
OF THE PENN'A RAIL ROAD.



OUR WAREHOUSES ARE TWO SQUARES EAST OF THE BROAD ST. STATION  
OF THE PENN'A RAIL ROAD.

1132 Market Street, Philad'a.



## CAP MANTEL.

Width or length of Mantel 4 feet 8 inches to 5 feet 2 inches. Height of Mantel 3 feet 9½ inches. Opening in Mantel 2 feet 5 inches wide, 2 feet 8 inches high.

## NOTICE.

---

WE claim to make and sell better Slate Mantels than any other manufactory in the country, and at lower prices. Our first assertion we can prove to the satisfaction of any person who will call at our warerooms. Our second assertion can be proved by a glance at our Price-List at the back of this book. We have on exhibition our Diplomas and Medals, showing that we were awarded the highest premiums by the Centennial Exhibition of Philadelphia, Franklin Institute, and other Exhibitions, separate mention of which would tire the reader.

A call at our warerooms, or an order, will prove the correctness of all our assertions.

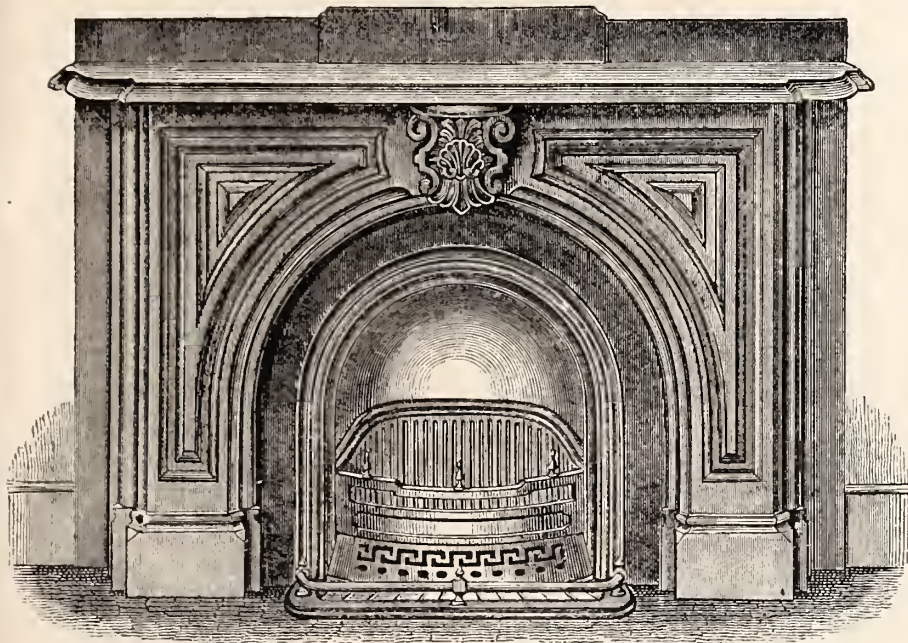
A card with full explanation of how to set a Mantel is placed in every Mantel box.

---

*WE SUPPLY TOP STRIPS ON ALL OUR MANTELS.*



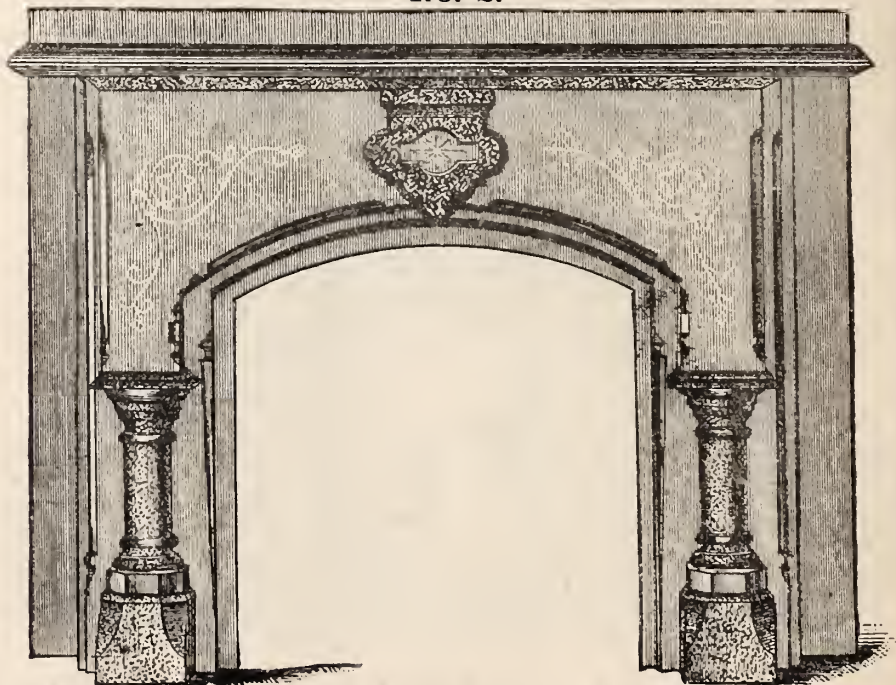
**No. 1.**



Width or length of Mantel 5 ft. 6 in. to 6 ft. 0 in. Height of Mantel to top of shelf  
3 ft. 11 in. Opening of Mantel 2 ft. 5 in. wide, 2 ft. 7 in. high.



**No. 2.**



Width or length of Mantel 5 ft. to 6 ft. Height of Mantel 4 ft. Opening in Mantel 2 ft. 5 in. wide,  
2 ft. 7 in. high. Made to suit Circular, Elliptic or Square Grates.

No. 3.



Width or length of Mantel 5 ft. to 6 ft. Height of Mantel to top of shelf 3 ft. 10 in.  
Opening of Mantel 2 ft. 5 in. wide, 2 ft. 8 in. high.

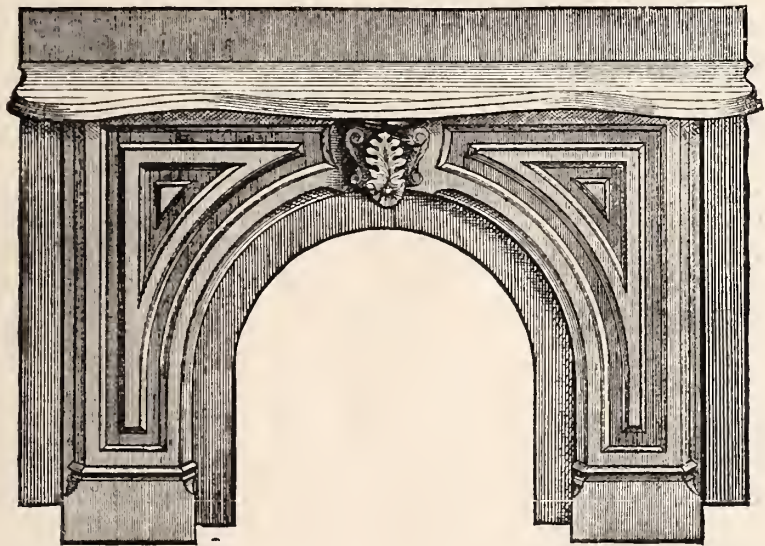
**No. 4.**



Width or length of Mantel 5 ft. to 6 ft. Height of Mantel to top of shelf 3 ft. 11 in.  
Opening in Mantel 2 ft. 6 in. wide, 2 ft. 8 in. high.

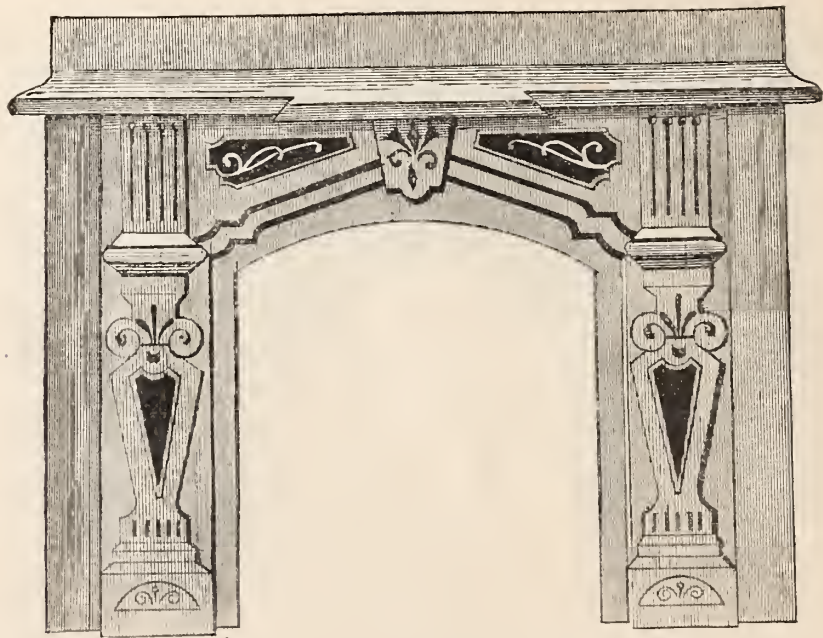


No. 5.



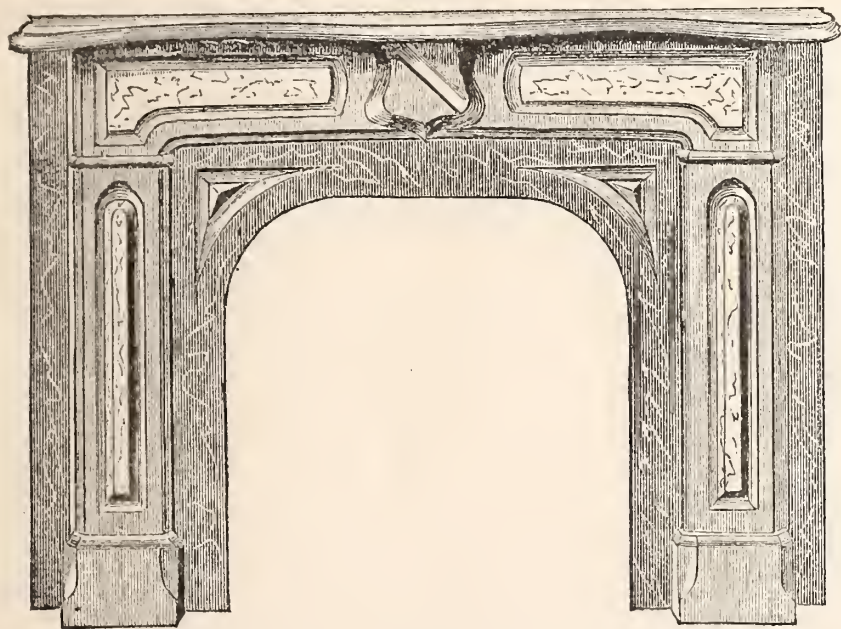
Width of Mantel 5 ft. to 5 ft. 6 in. Height of Mantel to top of shelf 3 ft. 10 in. Opening of Mantel 2 ft. 6 in. wide, 2 ft. 8 in. high.

No. 6.



Width or length of Mantel 5 ft. to 6 ft. Height to top of shelf 3 ft. 11 in. Opening in Mantel 2 ft. 4 in. wide, 2 ft. 7 in. high.

No. 10.




Width of Mantel 4 ft. 6 in. to 5 ft. 6 in. Height of Mantel 3 ft. 9 in. Opening of Mantel  
2 ft. 5 in. wide, 2 ft. 7 in. high.

*Can be made either circular or square opening.*

No. 12.



Width or length of Mantel 5 ft. to 6 ft. Height to top of Shelf 3 ft. 11 in. Opening in Mantel 2 ft. 5 in. wide, 2 ft. 7 in. high.

 Openings in Mantels can be made to suit purchasers.

No. 13.

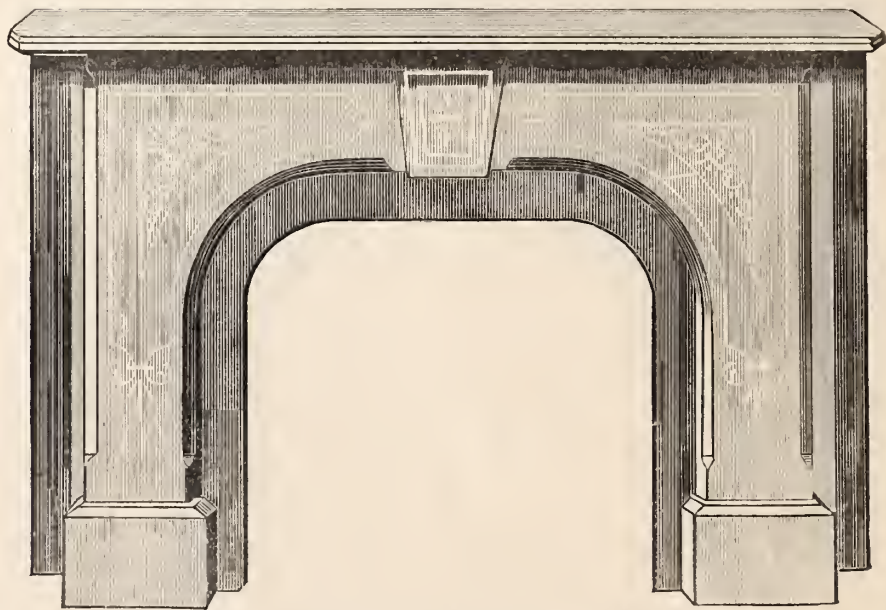


Width of Mantel 5 ft. to 5 ft. 6 in. Height of Mantel 3 ft. 11 in. Opening in Mantel 2 ft. 5 in. wide, 2 ft. 7 in. high.

*Can be made with serpentine shelf.*



No. 14.



Width or length of Mantel 4 ft. 8 in. to 5 ft. 2 in. Height of Mantel 3 ft. 9½ in. Opening  
in Mantel 2 ft. 5 in. wide, 2 ft. 7 in. high.

*Openings can be made circular or square. Can be made with serpentine shelf.*

No. 15.



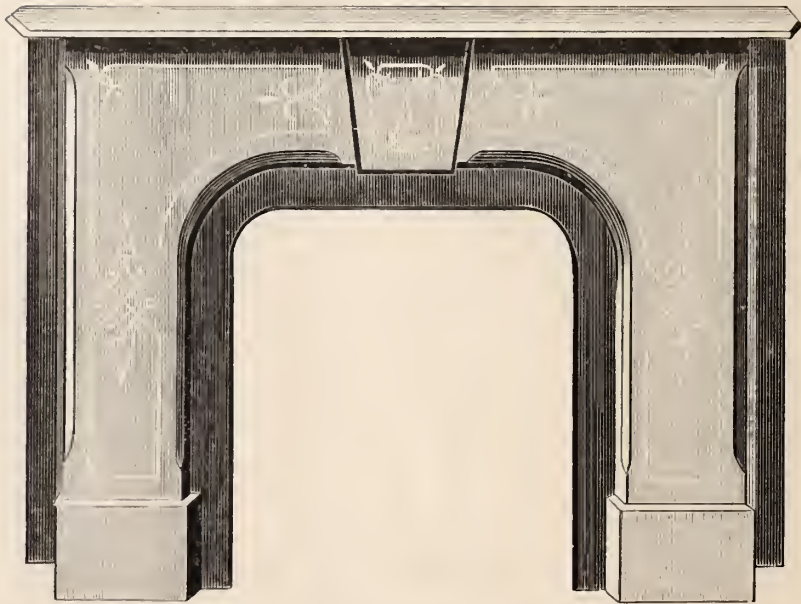
Very handsome Mantel.

Suitable for any room.

Width of Mantel 4 ft. to 5 ft. 2 in. Height of Mantel 3 ft. 8½ in. Opening in Mantel 2 ft. 6 in. wide, 2 ft. 9 in. high.

*Three colors and gilt tracing.*

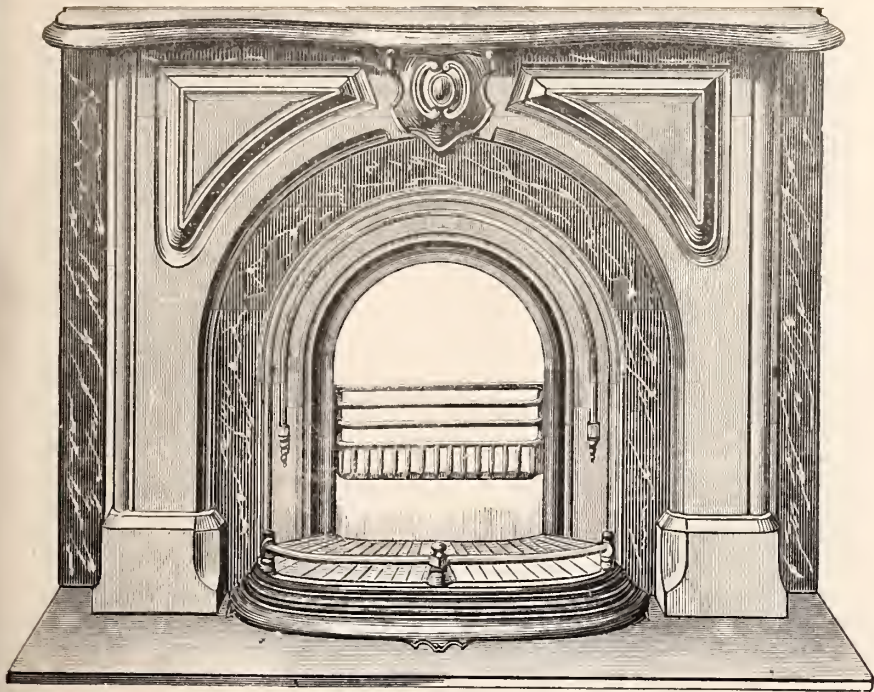
No. 18.



Width or length of Mantel 4 ft. 8 in. to 5 ft. Height of Mantel 3 ft. 9½ in. Opening in Mantel 2 ft. 5 in. wide, 2 ft. 7 in. high.

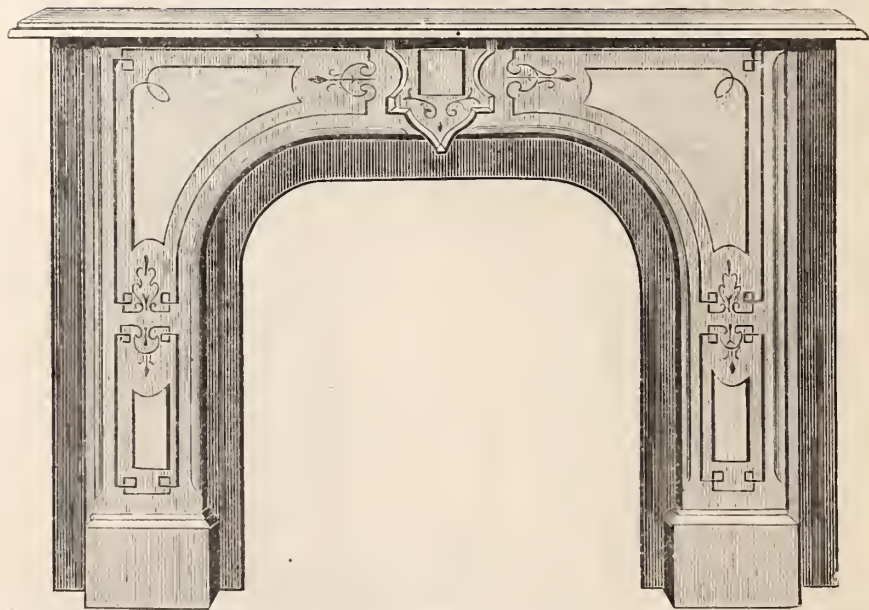
*Opening can be made circular. Mantel can be made with serpentine shelf.*

No. 20.



Width of Mantel 4 ft. to 5 ft. Height of Mantel 3 ft. 9½ in. Opening in Mantel 2 ft. 4 in. wide, 2 ft. 7 in. high.

No. 24.



Width or length of Mantel 4 ft. 8 in. to 5 ft. 2 in. Height of Mantel 3 ft. 9½ inches.

Opening in Mantel 2 ft. 5 in. wide, 2 ft. 8 in. high.

*Opening can be made circular. Mantel can be made with serpentine shelf.*

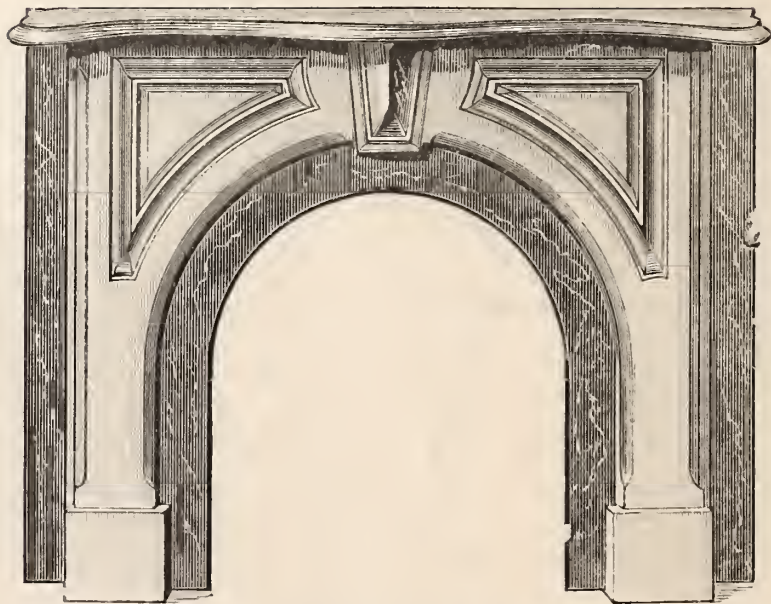


**No. 25.**



Width of Mantel 5 ft. to 6 ft. Height of Mantel 3 ft. 11 in. Opening in Mantel 2 ft. 6 in wide, 2 ft. 8 in. high

No. 28.



Width of Mantel 4 ft. to 5 ft. Height of Mantel 3 ft. 9½ inches. Opening in Mantel  
2 ft. 4 in. wide, 2 ft. 7 in. high.

**No. 32.**



Width of Mantel 4 ft. to 5 ft. 2 in. Height of Mantel 3 ft. 8½ in. Opening in Mantel  
2 ft. 6 in. wide, 2 ft. 9 in. high.

No. 34.



BLACK AND GOLD. Width of Mantel 5 ft. to 6 ft. Height of Mantel 3 ft. 11 in. Opening in Mantel 2 ft. 4 in. wide, 2 ft. 7 in. high.

*Can be made with serpentine shelf.*

No. 35.



Width of Mantel 4 ft. to 5 ft. Height of Mantel 3 ft. 8½ in. Opening in Mantel 2 ft. 4 in. wide, 2 ft. 7 in. high.



No. 36.



Width of Mantel 4 ft. to 4 ft. 6 in. Height of Mantel 3 ft. 8 in. Opening in Mantel  
2 ft. 4 in. wide, 2 ft. 8 in. high.

*Made circular opening, \$3.00 extra. Can be made with serpentine shelf.*

No. 40.



Width of Mantel 4 ft. to 5 ft. Height of Mantel 3 ft. 8 in. Opening of Mantel 2 ft. 4 in wide, 2 ft. 7 in. high.

*Made circular opening, \$3.00 extra. Can be made with serpentine shelf.*



**No. 36**  
**Decorated.**

Width of Mantel 4  
ft. to 4 ft. 6 in. Height  
of Mantel 3 ft. 8 in.  
Opening in Mantel 2  
ft. 4 in. wide, 2 ft. 8  
in. high.

*Made circular open-  
ing, \$3.00 extra. Can  
be made with serpentine  
shelf.*



**No. 40**  
**Decorated.**

Width of Mantel 4  
ft. to 5 ft. Height of  
Mantel 3 ft. 8 in. Open-  
ing in Mantel 2 ft. 4 in.  
wide, 2 ft. 7 in. high.

# K.



Width of Mantel 4 ft. 6 in. to 5 ft. 6 in. Height of Mantel 3 ft. 10 in. Opening in Mantel 2 ft. 5 in. wide, 2 ft. 8 in. high.

*Circular, square or elliptic opening. Can be made with serpentine shelf. Square opening, \$3.00 less.*



# L.



Width of Mantel 4 ft. 6 in. to 5 ft. 6 in. Height of Mantel 5 ft. 10 in. Opening of Mantel  
2 ft. 5 in. wide, 2 ft. 8 in. high.

*Circular, square or elliptical opening. Can be made with serpentine shelf. Square opening, \$3.00 less.*

**D.**



Width of Mantel 4 ft. to 5 ft. 2 in. Height of Mantel 3 ft. 8½ in. Opening in Mantel  
2 ft. 6 in. wide, 2 ft. 9 in. high.

*Can be made with serpentine shelf.*

**E.**



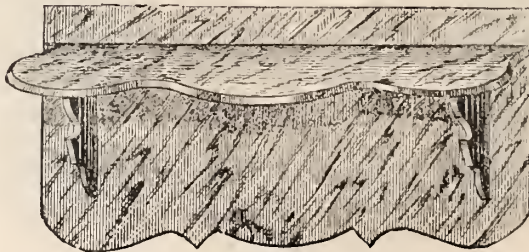
Width of Mantel 4 ft. to 5 ft. 2 in. Height of Mantel 3 ft. 8½ in. Opening in Mantel  
2 ft. 6 in. wide, 2 ft. 9 in. high.

*Can be made with serpentine shelf.*

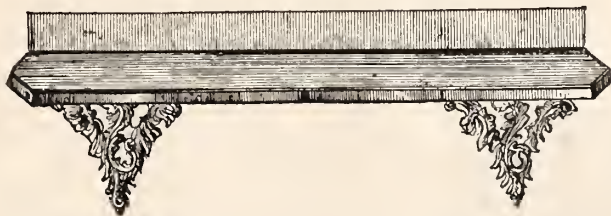
PLAIN SERPENTINE SHELF.



SHELF FRIEZE AND TOP STRIP  
SLATE BRACKETS.



SHELF AND LEAF BRACKET.

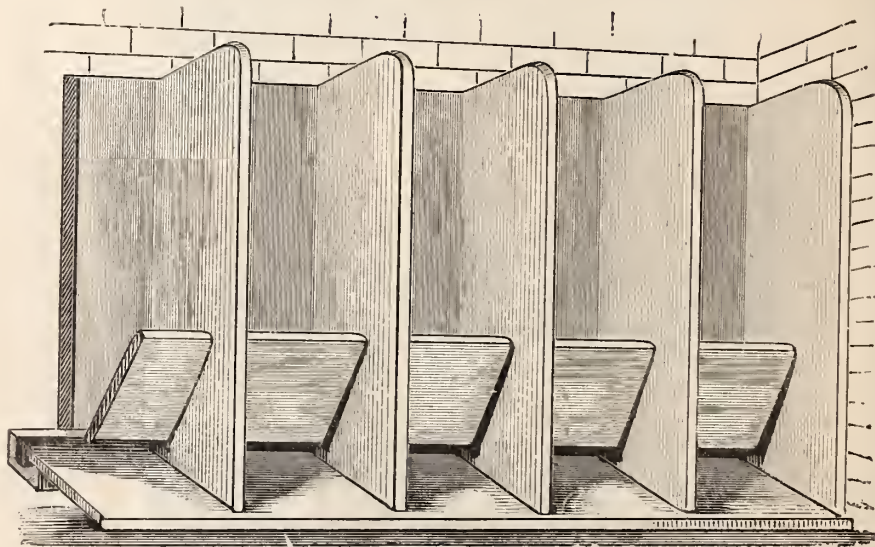


VESTIBULE PANEL.





# SLATE URINALS.



## DIRECTIONS FOR SETTING MANTELS.



Ascertain the width of Mantel by measuring the shelf or top-strip. Set up wall plates, the distance of this length, temporarily. If Mantel has a fire-board, lay the fire-board against the wall so that it can be brought up to its proper position at the proper time. If Mantel is circular in design, take fronts and put them up so that they touch in the centre; show wall plates equally. Plumb and level fronts, and mark on wall where elamp holes should be cut—opposite elamp hole in the Mantel. Now mark on floor, around fronts and wall plates, to cut floor by. Lay fronts and wall plates aside and cut the floor from one-quarter inch to a greater depth on one side or the other, according to the amount the floor may be out of level. Cut holes in the chimney to anchor Mantel too; if a stnd partition, prepare a solid arrangement in wood work for anchoring.

Place wall plates and fronts in the floor, plumb and level, and attach elamp wires. Now wedge on centre or keystone; wet the wall alongside the inside of wall plate and where front joins wall plate, also, holes in wall and around centre. This will tend to hold plaster better than when dry. Prepare a bowl of calcined plaster and use on parts already wet, and any other places judged advisable. If fire-board is to be used, bring it up to a good joint at back of fronts and secure it by sticks from wall or a wedge brick—enough to keep it firm. If a grate or stove is to be used, the space between Mantel and wall must be filled in with solid brickwork or masonry, around and above the stove or grate. Dampen the wall where the top-strip will lay, also, dampen the top-strip. Place a little plaster on the top of fronts and on back of top-strip, set the shelf on and lay top-strip against wall firmly. If any of the joints require filling, do it with putty made to the shade of the Mantel.

In cleaning Mantels, wash with sponge and water and dry with damp chamois skin.

If Mantel is not what is generally known as "circular," but is "square," set wall plates as before; then set fronts at proper distance from each other as determined by length of frieze. *Now see that fronts are on the same line, top and bottom, with each other.* Proceed as before.

AVERY LIBRARY  
COLUMBIA UNIVERSITY

158  
1880



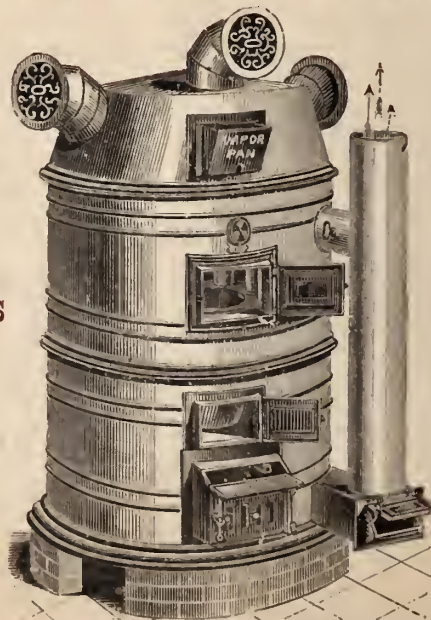
WE will be pleased to send to any applicant Designs of low and elevated open fire Grates, Fire-place Heaters, Hot Air Registers, Ventilators, Heaters for Cellars, Ranges, and anything generally used in heating or ventilating a building, all of which articles we manufacture.

Estimates cheerfully furnished for heating any and all classes of buildings, public and private, and satisfaction guaranteed.



# GOLDEN EAGLE FURNACE.

HEATERS,  
RANGES,  
HOT AIR REGISTERS  
AND  
VENTILATORS.



FIRE PLACE  
HEATERS,  
LOW AND ELEVATED  
—GRATES.—

CHAS. WILLIAMS' SONS, 1132 MARKET ST., PHILA.